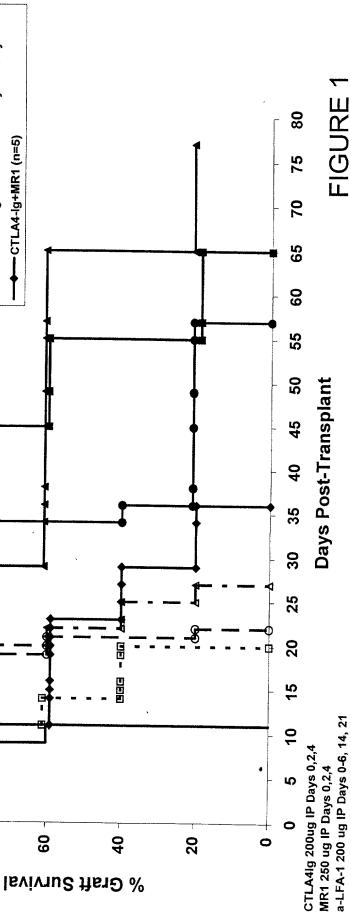
-CTLA4-lg+MR1+a-LFA-1 Day 0-6 only -CTLA4-Ig+a-LFA-1 (n=5) ◆---CTLA4-Ig+MR1 (n=5) -MR1+a-LFA-1 (n=5) -O --- CTLA4-lg (n=5) -∆- a-LFA-1 (n=5) -Control (n=5) - ED - MR1 (n=5) Murine Skin Graft Survival BALB/c->B6

8



Effect of CTLA4-Ig, MR1 and lpha-LFA-1 on Heart Graft Rejection Rates B6->BALB/c

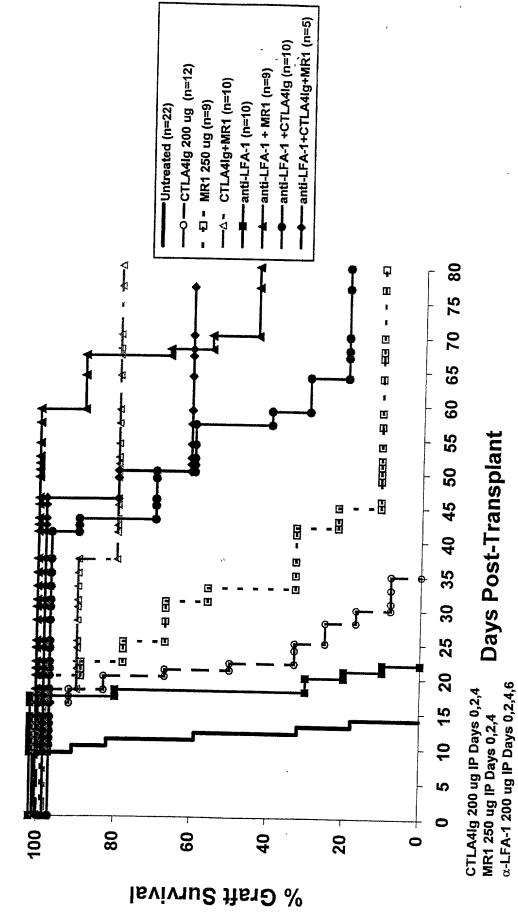


Figure 2

% Myocardium Remaining: Murine Heterotopic Heart Transplant

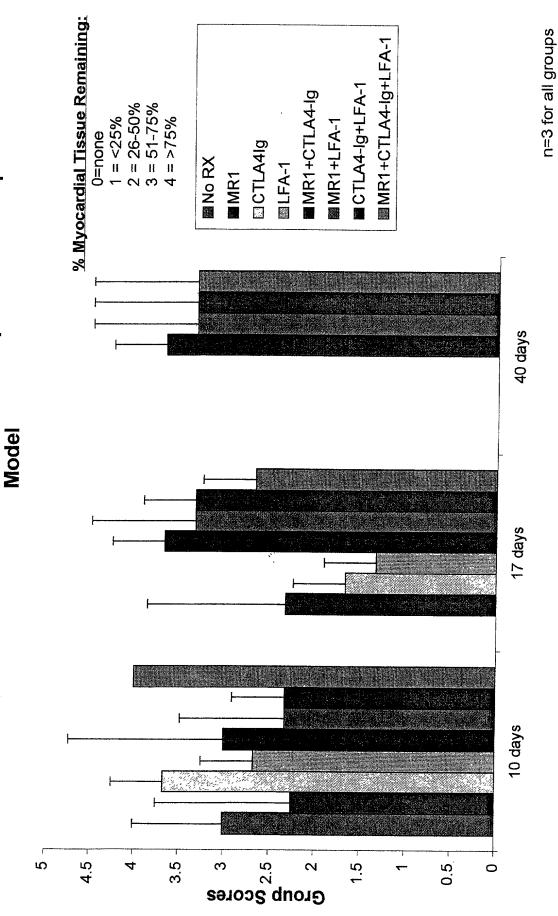
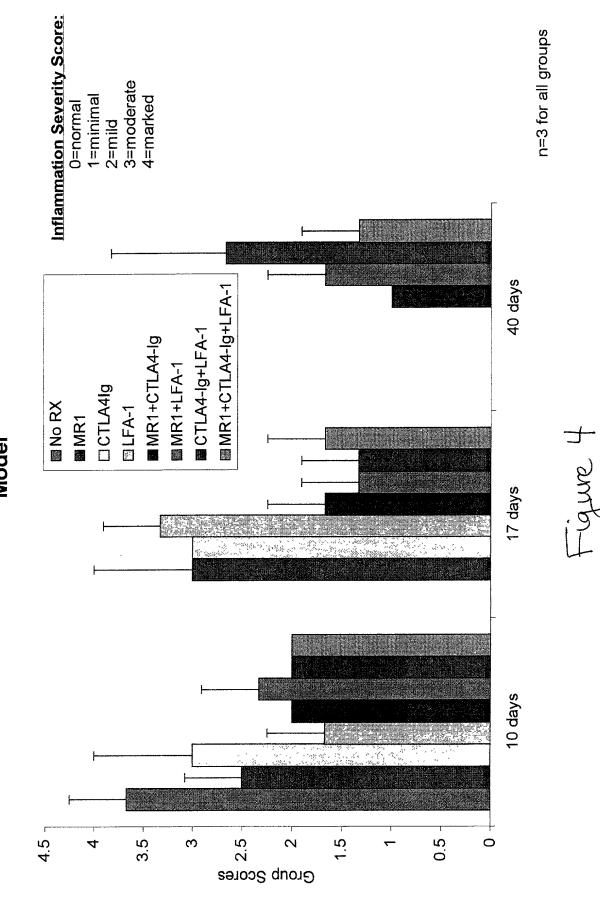


Figure 3

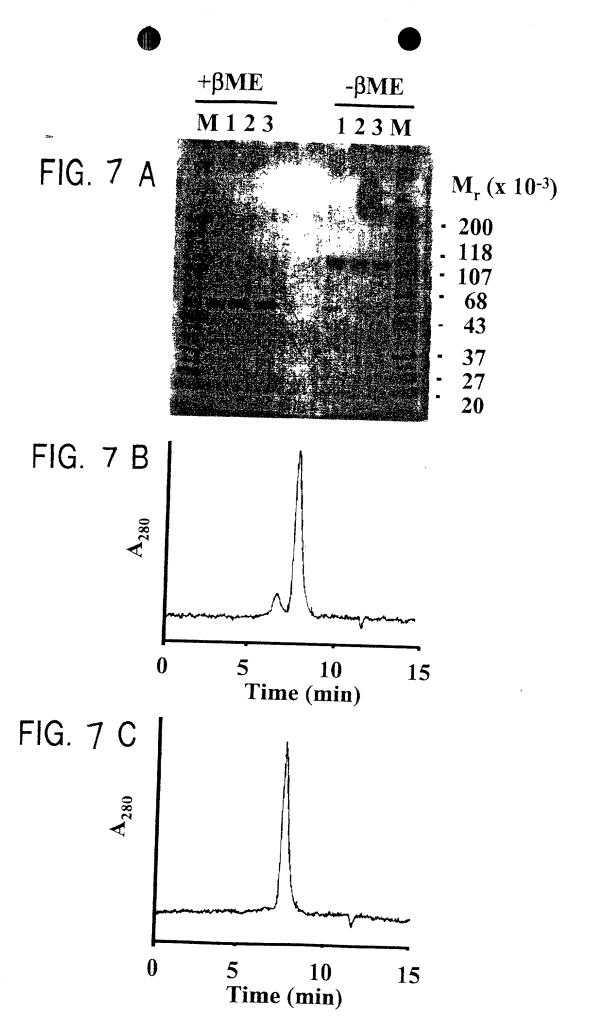
Inflammation Severity Scores: Murine Hetertropic Heart Transplant Model



ATGGGTGTACTGCTCACACAGAGGACGCTGCTCAGTCTGGTCCTTGCACTCCTGTTTCCA	-19
MGVLLTQRTLLSLVLALFP	-7
AGCATGGCGAGCATGGCAATGCACGTGGCCCAGCCTGCTGTGGTACTGGCCAGCAGCCGA	+42
SM-A-SM-A-MHVAOPAVVLASSR	+14
_	+14
+1	
GGCATCGCTAGCTTTGTGTGTGAGTATGCATCTCCAGGCAAAGCCACTGAGGTCCGGGTG	+102
GIASFVCEYASPGKATEVRV	+34
Grant Transform Contract of the Contract of th	7.3%
ACAGTGCTTCGGCAGGCTGACAGCCAGGTGACTGAAGTCTGTGCGGCAACCTACATGATG	+162
TVLROADSOVTEVCAATYMM	+54
GGGAATGAGTTGACCTTCCTAGATGATTCCATCTGCACGGGCACCTCCAGTGGAAATCAA	+222
GNELTFLDDSICTGTSSGNQ	+74
amas's comas ams mags a das amas adadaga mags da adada amama da mama ás a dama	000
GTGAACCTCACTATCCAAGGACTGAGGGCCATGGACACGGGACTCTACATCTGCAAGGTG	+282
VNLTIQGLRAMDTGLYICKV	+94
GAGCTCATGTACCCACCGCCATACTACCTGGGCATAGGCAACGGAACCCAGATTTATGTA	+342
ELMYPPYYLGIGNGTQIYV	+114
ATTGATCCAGAACCGTGCCCAGATTCTGATCAGGAGCCCAAATCTTCTGACAAAACTCAC	+402
IDPEPCPDSDQEPKSSDKTH	+134
ACATCCCCACCGTCCCCAGCACCTGAACTCCTGGGTGGATCGTCAGTCTTCCTCTTCCCC	+462
TSPPSPAPELLGGSSVFLFP	+154
CCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTG	+522
PKPKDTLMISRTPEVTCVVV	+174
GACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTG	+582
DVSHEDPEVKFNWYVDGVEV	+194
CATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGGGTGGTCAGC	+642
HNAKTKPREEQYNSTYRVVS	+214
GTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCC	+702
VLTVLHQDWLNGKEYKCKVS	+234
	=
AACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGA	+762
NKALPAP,IEKTISKAKGQPR	+254
GAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGC	+822
EPOVYTLPPSRDELTKNOVS	+274
Backardar tar tar Tart art art art art art art art art art	, 4 / 4
CTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAAT	+882
LTCLVKGFYPSDIAVEWESN	+294
GGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTC	+942
GQPENNYKTTPPVLDSDGSF	+314
TTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCA	+1002
FLYSKLTVDKSRWQQGNVFS	+334
TGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCT	+1062
CSVMHEALHNHYTQKSLSLS	+354

CCGGGTAAATGA P~~G~~K~~*

ATGGGTGTACTGCTCACACAGAGGACGCTGCTCAGTCTGGTCCTTGCACTCCTGTTTCCA MGVLLTQRTLSLVLALFP	-19 -7
AGCATGGCGAGCATGCACGTGGCCCAGCCTGCTGTGGTACTGGCCAGCAGCCGA S~~M~~A~~S~~M~~H~~V~~A~~Q~~P~~A~~V~~V~~L~~A~~S~~S~~R~~ +1	+42 +14
GGCATCGCTAGCTTTGTGTGTGAGTATGCATCTCCAGGCAAATATACTGAGGTCCGGGTG GIASFVCEYASPGKYTEVRV	+102 +34
ACAGTGCTTCGGCAGGCTGACAGCCAGGTGACTGAAGTCTGTGCGGCAACCTACATGATG TVLRQADSQVTEVCAATYMM	+162 +54
GGGAATGAGTTGACCTTCCTAGATGATTCCATCTGCACGGGCACCTCCAGTGGAAATCAA GNELTFLDDSICTGTSSGNQ	+222 +74
GTGAACCTCACTATCCAAGGACTGAGGGCCATGGACACGGGACTCTACATCTGCAAGGTG V~~N~~L~~T~~I~~Q~~G~~L~~R~~A~~M~~D~~T~~G~~L~~Y~~I~~C~~K~~V~~	+282 +94
GAGCTCATGTACCCACCGCCATACTACGAGGGCATAGGCAACGGAACCCAGATTTATGTA ELMYPPYYEGIGNGTQIYV	+342 +114
ATTGATCCAGAACCGTGCCCAGATTCTGATCAGGAGCCCAAATCTTCTGACAAAACTCACIDPEPCPDSDQEPKSDKTH	+402 +134
ACATCCCCACCGTCCCCAGCACCTGAACTCCTGGGGGGATCGTCAGTCTTCCTCTTCCCC T~~S~~P~~P~~S~~P~~A~~P~~E~~L~~G~~G~~S~~S~~V~~F~~L~~F~~P~~	+462 +154
CCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTG P~~K~~P~~K~~D~~T~~L~~M~~I~~S~~R~~T~~P~~E~~V~~T~~C~~V~~V~~V~~	+522 +174
GACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTG D~~V~~S~~H~~E~~D~~P~~E~~V~~K~~F~~N~~W~~Y~~V~~D~~G~~V~~E~~V~~	+582 +194
CATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGC H~~N~~A~~K~~T~~K~~P~~R~~E~~E~~Q~~Y~~N~~S~~T~~Y~~R~~V~~V~~S~~	+642 +214
GTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCC VLTVLHQDWLNGKEYKCKVS	+702 +234
AACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGA N~~K~~A~~L~~P~~A~~P~~I~~E~~K~~T~~I~~S~~K~~A~~K~~G~~Q~~P~~R~~	+762 +254
GAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGC EPQVYTLPPSRDELTKNQVS	+822 +274
CTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAAT LTCLVKGFYPSDIAVEWESN	+882 +294
GGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTC GQPENNYKTTPPVLDSDGSF	+942 +314
TTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCA FLYSKLTVDKSRWQQGNVFS	+1002 +334
TGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTC-SVMHEALHNHYTQKSLSLS	+1062 +354



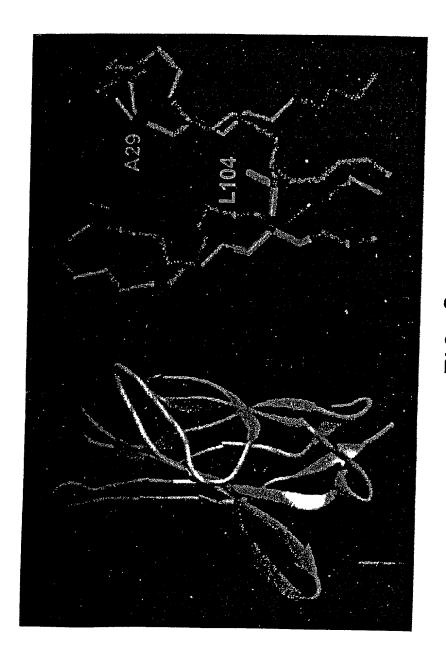
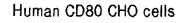


FIG. 8



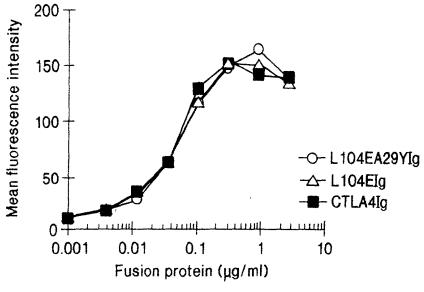


FIG.9A

Human CD86 CHO cells

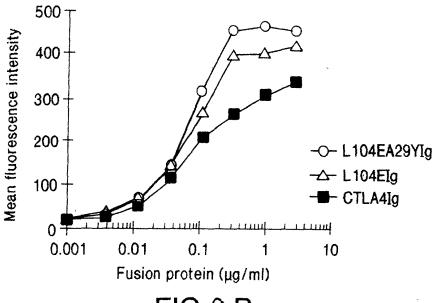
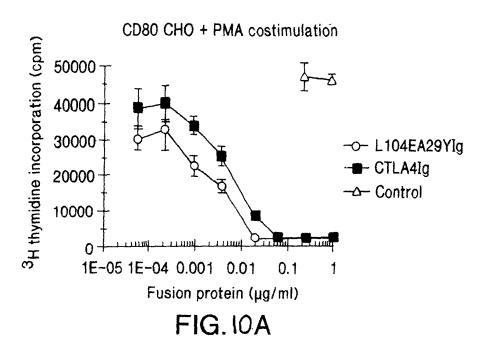
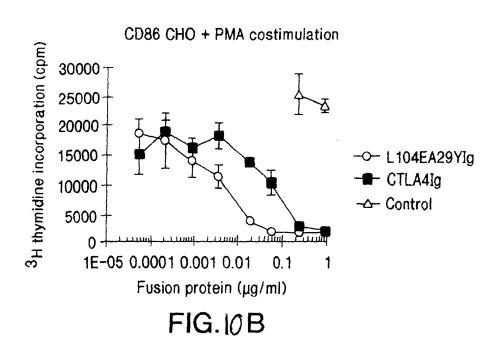


FIG.9B





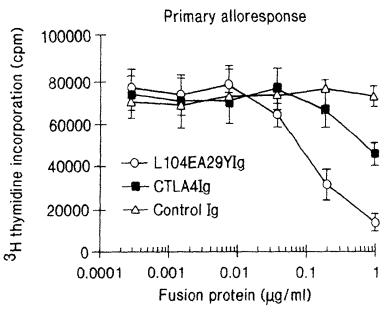


FIG. || A

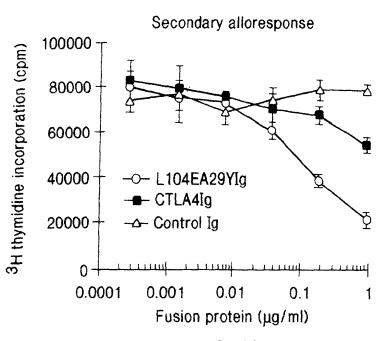


FIG. II B

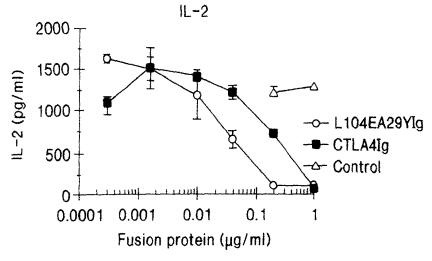


FIG. 12A

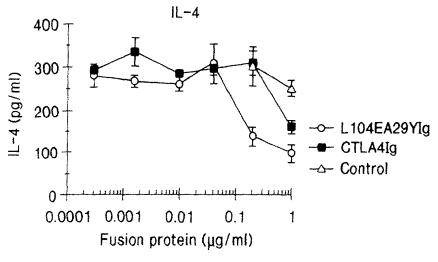


FIG. 12 B

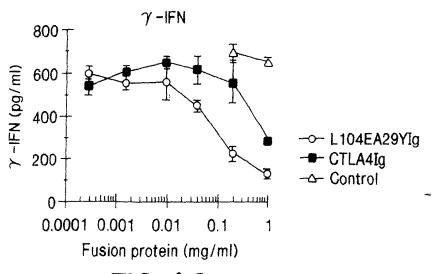


FIG. 12C

Inhibition of PHA-induced monkey T cell proliferation

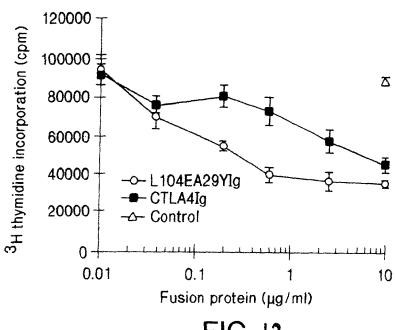


FIG. 13